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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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VEB Geräte- und Reglewerke Teltow

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SUPPLEMENT TO
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ENCLOSURE ATTACHED

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1. The following information concerns developmental projects at VEB Geräte- und Reglerwerke (Apparatus and Regulator Plants) Teltow.

a. Soviet EK-Plant¹

The Soviet EK-installation for three components is operated by the State Security Service at Wolgast. This was requested by the factory through the Main Administration of Precision Mechanics and Optics. GRW has so far been only supplied with a photostat copy of working instructions translated from Russian. This copy includes four wiring diagrams. The translation was made by the GRW translator and subsequently checked by Dr. Heinz Wilhelmi, for the correct translation of technical terms. Since the records submitted to GRW proved insufficient, Dr. Wilhelmi asked the Main Administration to furnish him all the records related to the Soviet EK-installation.

18 OCT 1957

W ~~from~~ ~~F~~

for

23 OCT 1951

3 OCT 1963

End

2/10

b. Compass for Amphibious Trucks.

Work on this compass has been concluded and necessary records were turned over to the Tractor plant at Schoenebeck on the Elbe River in early December 1956.

c. Magnetic Compass Tests.

Magnetic compass tests were being made with the 125-type compass with various fillings (ratio of glycerin to water 50 to 50 and alcohol content 53 percent) and various temperatures from -30° to $+10^{\circ}$.

d. [redacted] the electrolytic compass is not to be provided with a 75, but rather with a 100, compass car. Two mother compasses were completed. One of them was installed in the FORELLE (ship) the other on a SCHWALBE-type ship. Nothing has been learned as far about the experiences of the NVA/Navy with these compasses. The general impression was that the NVA/Navy showed very little cooperation.

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- e. It was learned from written records that the ISU enterprise¹ at Wolgast was censured by the Ministry because it had prematurely placed with GRW an order for the quantity production of the EK installation for three components. The quantity production of this plant will, therefore, not be started.
- f. No new information was obtained on the automatic navigator (Kurskoppelgeraet).

2. Information Related to the Organization of GRW.

- a. On 4th December 1956, the expert for nautical questions of the Main Administration for Mechanics and Optics, **Fuchs(fnu)** visited Dr. Wilhelm and talked with him for four hours.
(fnu)
- b. On 5th December, **Zaeumer**, Development Chief of the Scientific Technical Bureau (WTB) on Bahnhofstrasse Berlin, previously the Firm of Knorr-Bremse, had a conference with Dr. Wilhelm. [redacted] development work on hydrographic equipment was to be transferred from GRW to WTB.
- c. [redacted] GRW was to discontinue work on nautical equipment.
- d. [redacted] Ing. Geske was scheduled to cooperate with Ing. Kuchenbaecker in the field of oscillation measuring sets. If all these changes are really effected, only Ing. Tortorod (fnu) and another assistant would remain at the plant for work on nautical equipment.
- e. [redacted]
- f. **Neumann(fnu)** has become the new Labor Director. He came from the Apparate- and Zuehlwerk at Teltow and was in charge of TAP-matters and later attached to the Labor Department there. [redacted]

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3. General.

Hta

- a. On 5th December 1956, about 20 x 600 and 1,000/shaking tables were seen [redacted] the delivery dates for these tables had not been met.
- b. On 6th December, **Ott (fnu)** of VEB Feinmechanik at Sonnenberg visited GRW in order to negotiate on the magnetic testing of aircraft compasses. [redacted] three aircraft compasses were scheduled to be completed at Sonnenberg prior to April 1957. The Sonnenberg plant manufactured aircraft compasses during World War II.
- c. On 6th December six Chinese visited GRW, details were not available.

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[REDACTED]
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-3- [REDACTED]

d.

[REDACTED] strobes for aviation purposes were being manufactured at Babelsberg. These sets function with two discs up to 3,600 rotations per minute and 48,000 rotations per minute.

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(fnu)

e.

[REDACTED] Ing. Gladbach/was interrogated by representatives of the Ministry of the SSD in connection with differences between the plant manager and the technical director.

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Enclosure 1 to

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Working Instructions for the KUS-9 m Set ²

1. The voltage at the input terminal is 6 V \pm 5%
2. The change in the direction of current in the windings of EMK is effected by the changing-over of the corresponding lines at the output terminal.
3. The feed-in of the contact brush is connected with the terminal at a contact spring 3
4. At coarse regulation of potentiometer U, the contact pin is first connected with the letter "2" on the left hand side and the second letter "2" on the right hand side. The switching off is effected in the reversed order.

Assembly pattern for the KUS-9m

EMK-9m

RSI1

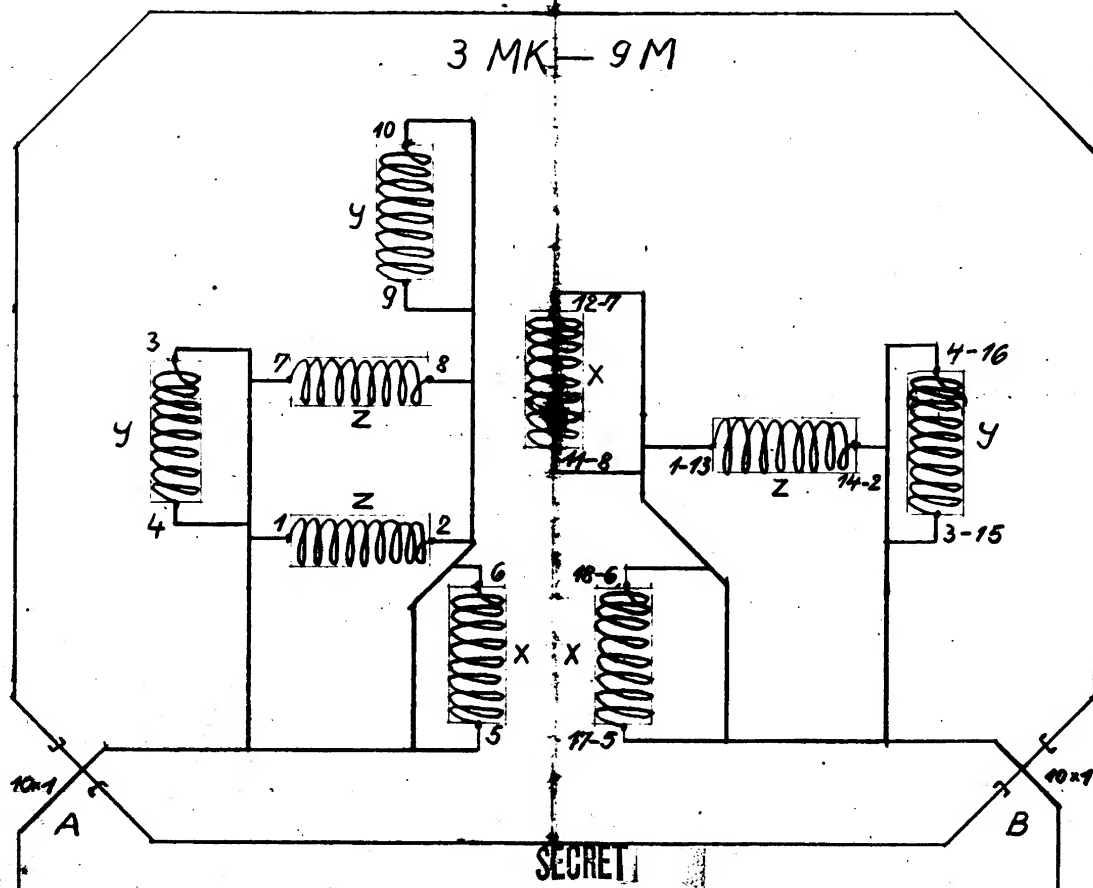
The boxes of the compensating resistances GSR, 3 to 9 V and
GSG, 3 through 14 V
are used depending on the voltage which is applied to RSch-9m
and depending on the electro-magnetic deviation.

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Spulenkasten (unter dem Kompaß eingebaut.)



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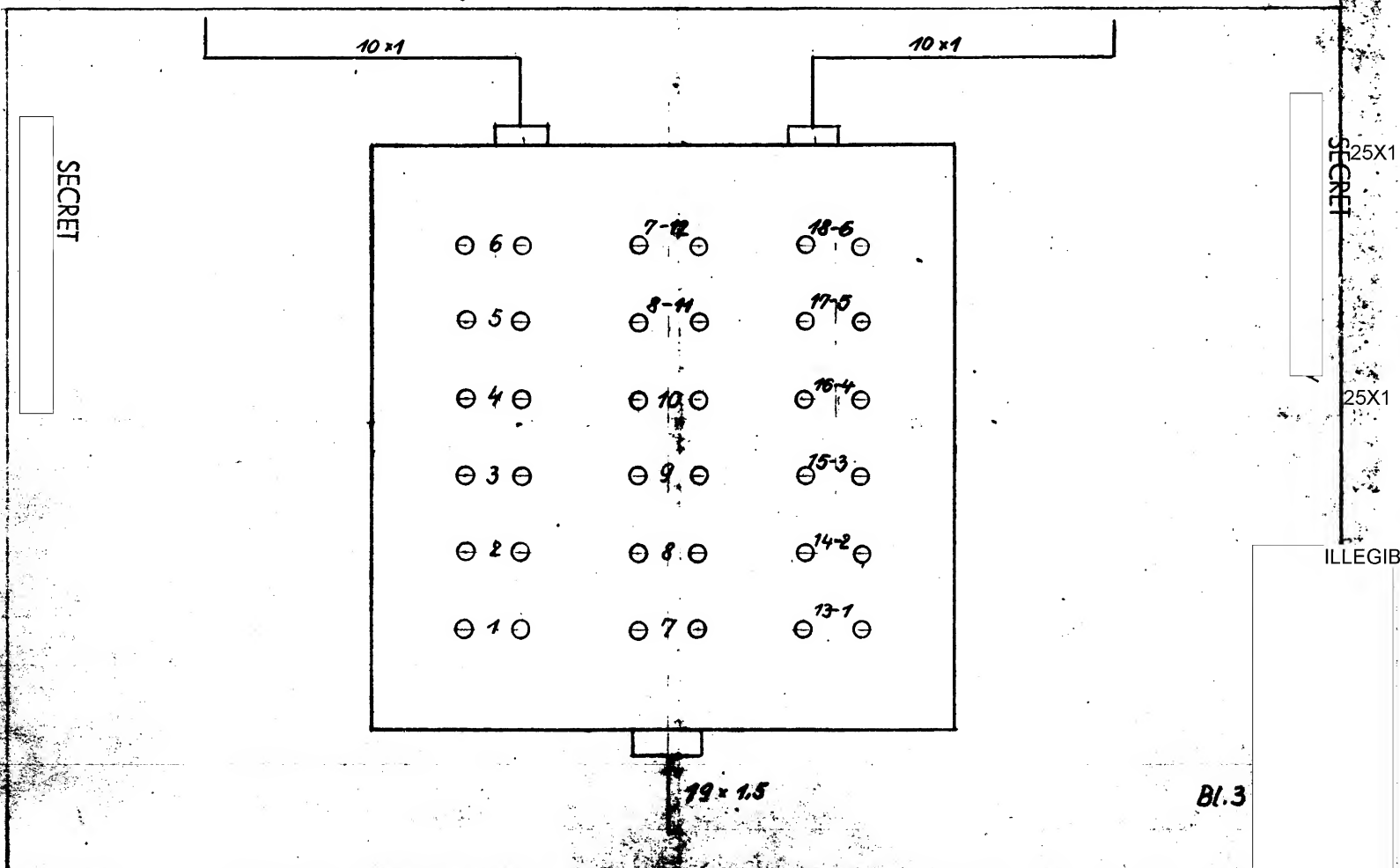
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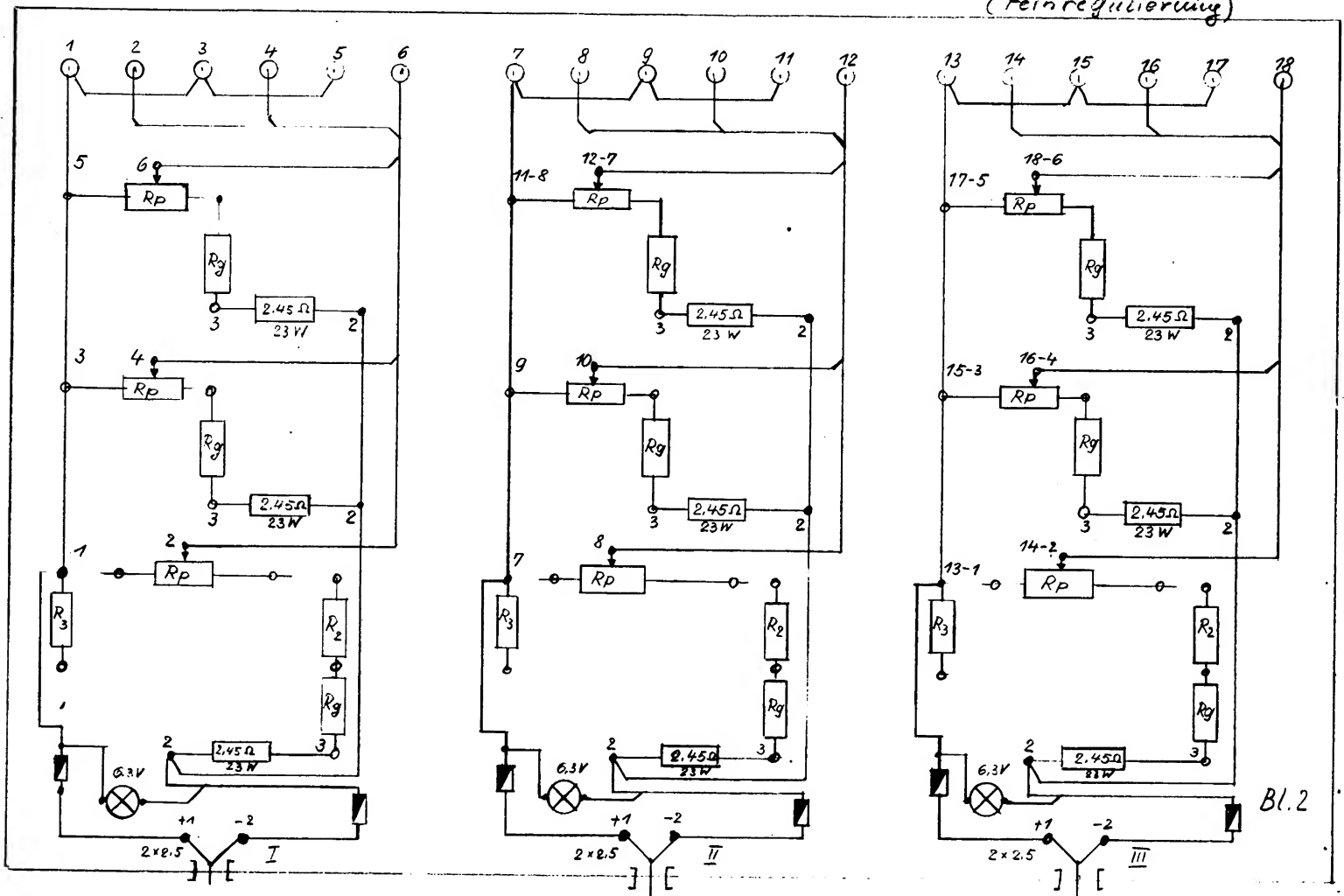
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Verteilerkasten



Feinregulierung
(Feinregulierung)



*Polenfronoten
(Grobeinstellung)*

